

Electroexplosive Component Data Sheet

1. Number or name used to identify this specific item: _____ Requestor: _____

Date: _____
Quantity: _____

2. *Name of supplier or manufacturer: _____ Category: _____
*Part No. _____ /Lot No. _____ Drawing No. _____

3. Hazard Classification:
Manufacturer's Recommended Hazard Class: _____
Manufacturer's Recommended Compatibility Group: _____
Dept. of Transportation shipping Class: _____
Dept. of Transportation Shipping Name: _____
Specific DOT Approved Shipping Container: _____

4. Explosive, Pyrotechnic, or Propellant Composition, and makeup of part:

a. Explosive in Device	WT./Unit	Function	Location
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b. Total weight of explosive in component: _____

c. Does any explosive contain metal additives? _____

If yes, explain: _____

5. Recommended Shelf Life: _____

Thermal Limits: Upper _____ °F _____ °C

Lower _____ °F _____ °C

Other factors affecting shelf life or functioning: _____

6. Electrical Characteristics

*a. Max. No Fire (current) _____ A _____ W _____
time

b. Min. All Fire (current) _____ A _____ W _____
time

c. Max. Test (current) _____ mA _____
time

* Minimum data required for categorization.

6. Electrical Characteristics (cont'd)

d. Mean Firing (current)_____ A

e. Recommended Firing (current)_____ A

*f. Bridgewire Resistance_____ ± _____

g. Bridgewire Material_____

7. Electrostatic Discharge Rating: DOE_____ ; DOD_____

8. RF Sensitivity Data:

Frequency to case)	Power to Fire (watts)	Modes (pin to pin) or (pin
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9. Chart: Function time vs current

10. The following documents should be attached to this data sheet:

- Detail drawing of component showing dimensions, explosive constituents, electrical schematic.
- Descriptive drawing of any DOT specially approved shipping container.
- DOT correspondence assigning approved DOT class and shipping name.

11. **General.** Note any special features of this device (thin film bridge, arc-resistant construction, high-resistance paths, only secondary explosives, bridgewire pin-to-case grounds, toxic materials).

12. Any known failure modes?

Signature of person submitting data: _____

Signature of LEI Committee: (at least 2 signatures required, including Explosives Safety)

* Minimum data required for categorization.